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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/665,303	09/18/2003	Maria J. Duarte	51055/KMO/W112	5446

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EXAMINER

COHEN, LEE S

ART UNIT	PAPER NUMBER
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3739

DATE MAILED: 07/15/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/665,303	Applicant(s) DUARTE, MARIA J.	
	Examiner Lee S. Cohen	Art Unit 3739	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-12 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-12 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>9/14/04</u> . | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-7 and 10-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Houser et al (5,313,943) in view of Swanson et al (2002/0161422). The basic catheter is disclosed by Houser in the Figure 31 embodiment. The device includes a catheter body 62 and an inner member 198 having electrodes thereon. The control handle as shown in Figure 1 comprises first and second members to effect extension and retraction of the inner member as well as deflection structure. The reference fails to detail the inner member structure, but it would necessarily be inherently stiff to effect movement and nonconductive so as to not interfere with the electrodes. Swanson et al disclose a similar device having a movable stiffening member surrounded by a nonconductive cover on which the electrodes are mounted (see Figure 2A and paragraphs [0127] and [0128]). Given this teaching, it would have been an obvious design expedient to the skilled artisan to construct the inner member of Houser et al with such structure to effect the extension and retraction of the electrodes so as to reliably monitor or apply signals. In addition, the exposed length is within the range of what would be conventional to the skilled artisan to effect similar procedures.

Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Houser et al (5,313,943) in view of Swanson et al (2002/0161422) as applied to claim 1 above, and further in

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view of Littmann et al (6,088,610). The combination of Houser et al (5,313,943) in view of Swanson et al (2002/0161422) fail to show electrodes on the catheter body. Littmann et al show a similar catheter with electrodes on the catheter body in Figure 9. Given this teaching, it would have been an obvious design expedient to the skilled artisan to add electrodes to the catheter body to sense electrical signals for more efficient monitoring prior to treatment.

Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Houser et al (5,313,943) in view of Swanson et al (2002/0161422) as applied to claim 1 above, and further in view of Ponzi (6,088,610). The combination of Houser et al (5,313,943) in view of Swanson et al (2002/0161422) fail to show a location sensor. Ponzi discloses the use of such sensors at column 1, line 59+. Given this teaching, it would have been an obvious design expedient to the skilled artisan to add such a sensor to monitor the location of the catheter for more accurate diagnosis.

Specification

The disclosure is objected to because of the following informalities: page 5, line 18 – cap 22 should read cap 28.

Appropriate correction is required.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The cited art discloses similar devices.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lee S. Cohen whose telephone number is 571-272-4763. The examiner can normally be reached on Monday-Friday, 7:00-3:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Linda Dvorak can be reached on 571-272-4764. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Lee S. Cohen
Primary Examiner
Art Unit 3739

LSC
July 11, 2005